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OM nucleic - nucleic search, using sw model

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(Without alignments)  
7076.172 Million cell updates/sec

Title: US-09-731-457B-3

Perfect score: 4193  
Sequence: 1 gtggagctgcgcgcgcgtctgtt.....agttaccaataaagtag 4193

Scoring table: OLIGO\_NDC  
Gapop 60.0, Gapext 60.0

Searched: 351203 seqs, 11323899 residues

Word size: 0

Total number of hits satisfying chosen parameters: 495388

Minimum DB seq length: 0  
Maximum DB seq length: 50

Post-processing: Listing first 45 summaries

Database:

Issued\_Patents\_NA:\*  
1: /cgn2\_6/prodata/2/lna/5A\_COMB.seq:\*  
2: /cgn2\_6/prodata/2/lna/5B\_COMB.seq:\*  
3: /cgn2\_6/prodata/2/lna/6A\_COMB.seq:\*  
4: /cgn2\_6/prodata/2/lna/6B\_COMB.seq:\*  
5: /cgn2\_6/prodata/2/lna/PCrUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/2/lna/Backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No	Score	Query Match	Length	ID	Description
1	28	0.7	39	1	US-08-222-177A-86 Sequence 86, Appl
2	27	0.6	45	1	US-08-222-177A-157 Sequence 157, App
3	24	0.6	40	1	US-08-222-177A-152 Sequence 152, App
4	23	0.5	50	1	US-08-222-177A-169 Sequence 169, App
5	21	0.5	40	1	US-08-222-177A-175 Sequence 175, App
6	20	0.5	20	2	US-08-117-952-617 Sequence 617, App
7	20	0.5	20	2	US-08-117-952-618 Sequence 618, App
8	20	0.5	21	1	US-08-136-118-10 Sequence 10, Appl
9	19	0.5	46	1	US-08-222-177A-71 Sequence 71, Appl
10	18	0.4	43	1	US-08-222-177A-370 Sequence 370, App
11	17	0.4	25	4	US-09-245-041-103 Sequence 103, Appl
12	17	0.4	42	1	US-08-222-177A-53 Sequence 53, Appl
13	16	0.4	19	2	US-08-849-021-74 Sequence 74, Appl
14	16	0.4	20	2	US-08-849-021-89 Sequence 89, Appl
15	16	0.4	23	4	US-09-488-744A-35 Sequence 35, Appl
16	16	0.4	23	3	US-09-429-499-14 Sequence 14, Appl
17	16	0.4	37	3	US-09-429-499-7 Sequence 7, Appl
18	16	0.4	39	1	US-08-222-177A-331 Sequence 331, App
19	16	0.4	42	1	US-08-222-177A-343 Sequence 343, App
20	16	0.4	42	2	US-08-750-810-10 Sequence 10, Appl
21	16	0.4	47	1	US-08-222-177A-458 Sequence 458, Appl
22	15	0.4	15	6	5182195-63 Patent No. 5182195
23	15	0.4	17	3	US-08-885-126-9 Sequence 9, Appl
24	15	0.4	17	3	US-08-960-111-11 Sequence 11, Appl
25	15	0.4	17	4	US-09-490-774-11 Sequence 11, Appl
26	15	0.4	19	4	US-09-538-907-546 Sequence 546, Appl
27	15	0.4	20	2	US-08-432-158-13 Sequence 13, Appl

C	28	15	0.4	20	2	US-08-709-368-1 Sequence 1, Appl1
C	29	15	0.4	20	2	US-08-849-021-68 Sequence 68, Appl
C	30	15	0.4	20	2	US-08-849-021-73 Sequence 73, Appl
C	31	15	0.4	20	2	US-08-849-021-82 Sequence 82, Appl
C	32	15	0.4	20	3	US-09-288-461-92 Sequence 92, Appl
C	33	15	0.4	21	3	US-08-850-961-72 Sequence 7, Appl1
C	34	15	0.4	22	2	US-08-849-021-72 Sequence 72, Appl
C	35	15	0.4	22	2	US-08-849-021-88 Sequence 14, Appl
C	36	15	0.4	25	1	US-08-182-961B-14 Sequence 14, Appl
C	37	15	0.4	26	2	US-08-859-998-545 Sequence 44, Appl
C	38	15	0.4	26	5	PCT-US92-10792-44 Sequence 4, Appl1
C	39	15	0.4	27	2	US-08-432-158-4 Sequence 2, Appl1
C	40	15	0.4	28	3	US-08-915-609-2 Sequence 58, Appl
C	41	15	0.4	30	1	US-08-880-784-58 Sequence 58, Appl
C	42	15	0.4	30	1	US-08-483-553-58 Sequence 58, Appl
C	43	15	0.4	30	1	US-08-487-002-58 Sequence 58, Appl
C	44	15	0.4	30	1	US-08-483-554B-58 Sequence 58, Appl
C	45	15	0.4	30	1	US-08-488-011B-58 Sequence 58, Appl

#### ALIGNMENTS

RESULT: 1  
US-08-222-177A-86/C  
Sequence 86, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Demitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
City: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd12rs  
US-08-222-177A-86

Query Match 0.7%; Score 28; DB 1; Length 39;  
Best Local Similarity 100.0%; Pred. No. 0.00074;





RESULT 7  
US-08-117-952-618  
Sequence 618, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glenn A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
NUMBER OF SEQUENCES: 797  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9382  
INFORMATION FOR SEQ ID NO: 618:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-618

Query Match 0.58; Score 20; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.5;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4024 atcagcctagagcctact 4043  
|||||  
DB 1 ATCAGCCTAGAGCCTGACT 20

RESULT 8  
US-08-136-118-10/C  
Sequence 10, Application US/08136118  
Patent No. 5580969  
GENERAL INFORMATION:  
APPLICANT: HOKE, Glenn D  
APPLICANT: BRADLEY, Matthews O  
APPLICANT: WILLIAMS, Taffy J  
APPLICANT: LEE, Che-Hung  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED  
NUMBER OF SEQUENCES: 15  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
CITY: Bethesda

STATE: Maryland  
COUNTRY: USA  
ZIP: 20889-5606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 514  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/916,259  
FILING DATE: 24-JUL-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Spevack, A. David  
REGISTRATION NUMBER: 24,743  
REFERENCE/DOCKET NUMBER: N.C. 75,776  
TELEPHONE: (202) 295-1022  
TELEFAX: (202) 295-6759  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-136-118-10

Query Match 0.58; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.5;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3849 gtgtgtgtgtgtgtgtgtgt 3868  
|||||  
DB 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 9  
US-08-222-177A-71/C  
Sequence 71, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
NUMBER OF SEQUENCES: 460  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492

STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492

REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 71:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-222-177A-71

Query Match 0.5%; Score 19; DB 1; Length 46;  
Best Local Similarity 100.0%; Pred. No. 17;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3858 tctgtatgtgtgtgtgt 3876  
|||||  
DB 46 tctgtatgtgtgtgtgt 28

RESULT 10  
US-08-222-177A-370/c  
Sequence 370, Application US/08222177A  
Patent No. 5582979

GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:

INFORMATION FOR SEQ ID NO: 370:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 43 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mid117s  
US-08-222-177A-370

Query Match 0.4%; Score 18; DB 1; Length 43;

Best Local Similarity 100.0%; Pred. No. 51;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 3849 gtgtgtgtgtgtgtgtatc 3866  
|||||  
DB 24 gtgtgtgtgtgtgtgtatc 7

RESULT 11  
US-09-245-041-103/c  
Sequence 103, Application US/09245041  
Patent No. 6274339  
GENERAL INFORMATION:  
APPLICANT: Moore, K.  
APPLICANT: Moore, K.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT  
TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY  
FILE REFERENCE: 7853-136  
CURRENT APPLICATION NUMBER: US/09/245,041  
CURRENT FILING DATE: 1999-02-05  
EARLIER APPLICATION NUMBER: 60/093,630  
EARLIER FILING DATE: 1998-07-21  
EARLIER APPLICATION NUMBER: 60/104,978  
EARLIER FILING DATE: 1998-10-20  
NUMBER OF SEQ ID NOS: 131  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 103  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
US-09-245-041-103

Query Match 0.4%; Score 17; DB 4; Length 25;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3853 gtgtgtgtgtgtgtgtgt 3869  
|||||  
DB 17 gtgtgtgtgtgtgtgtgt 1

RESULT 12  
US-08-222-177A-53/c  
Sequence 53, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492

REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: m6d1r5  
US-08-222-177A-53

Query Match 0.4%; Score 17; DB 1; Length 42;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3849 gtgtgtgtgtgtgtgtatg 3865  
|||||  
DB 17 GTGTGTGTGTGTGTATG 1

RESULT 13  
US-08-849-021-74  
Sequence 74, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-74

Query Match 0.4%; Score 16; DB 2; Length 19;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3849 gtgtgtgtgtgtgtat 3864  
|||||  
DB 2 GTGTGTGTGTGTAT 17

RESULT 14  
US-08-849-021-89/c  
Sequence 89, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 89:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-89

Query Match 0.4%; Score 16; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3849 gtgtgtgtgtgtgtat 3864  
|||||  
DB 19 GTGTGTGTGTGTAT 4

RESULT 15  
US-09-488-744A-35  
Sequence 35, Application US/09488744A  
Patent No. 6287860



GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Garde  
APPLICANT: Donna T. Ward  
APPLICANT: Susan M. Fretter  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION  
FILE REFERENCE: RTS-0108  
CURRENT APPLICATION NUMBER: US/09/488,744A  
CURRENT FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 35  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-744A-35

Query Match 0.4%; Score 16; DB 4; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2545 tctgttctctgcaag:2560  
|||||  
Db 5 tctgttctctgcaag 20

RESULT 16  
US-09-429-499-14/c  
Sequence 14, Application US/09429499  
Patent No. 6143504  
GENERAL INFORMATION:  
APPLICANT: DAS, SOMA  
APPLICANT: LEDBETTER, DAVID H.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X  
FILE REFERENCE: ARCD:302  
CURRENT APPLICATION NUMBER: US/09/429,499  
CURRENT FILING DATE: 1999-10-27  
EARLIER APPLICATION NUMBER: 60/105,892  
EARLIER FILING DATE: 1998-10-27  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 14  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-429-499-14

Query Match 0.4%; Score 16; DB 3; Length 23;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3855 gtgtgtatgtgtgtgt 3870  
|||||  
Db 16 gtgtgtatgtgtgtgt 1

RESULT 17  
US-09-429-499-7  
Sequence 7, Application US/09429499  
Patent No. 6143504  
GENERAL INFORMATION:  
APPLICANT: DAS, SOMA  
APPLICANT: LEDBETTER, DAVID H.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X  
SYNDROME

FILE REFERENCE: ARCD:302  
CURRENT APPLICATION NUMBER: US/09/429,499  
CURRENT FILING DATE: 1999-10-27  
EARLIER APPLICATION NUMBER: 60/105,892  
EARLIER FILING DATE: 1998-10-27  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 7  
LENGTH: 37  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-429-499-7

Query Match 0.4%; Score 16; DB 3; Length 37;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3856 tgtgtatgtgtgtgt 3871  
|||||  
Db 15 tgtgtatgtgtgtgt 30

RESULT 18  
US-08-222-177A-331/c  
Sequence 331, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n (dg-gt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865,601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 331:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd104rs  
US-08-222-177A-331

Query Match 0.4%; Score 16; DB 1; Length 39;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3849 gtgtgtgtgtgtgtat 3864  
|||||

Db 24 GTGTGTGTGTGTGTAT 9

## RESULT 19

US-08-222-177A-343/C

Sequence 343, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (GC-GA)n.(GG-GT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53717-1914

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,177A

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/341,562

FILING DATE: 21-APR-1989

ATTORNEY/AGENT INFORMATION:

NAME: Sara, Charles S.

REGISTRATION NUMBER: 30,492

REFERENCE/DOCKET NUMBER: 09865,601

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 831-2100

TELEFAX: (608) 831-2106

TELEX:

INFORMATION FOR SEQ ID NO: 343:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

IMMEDIATE SOURCE:

CLONE: mfd108rs

US-08-222-177A-343

Query Match 0.4%; Score 16; DB 1; Length 42;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3849 gtgtgtgtgtgtgtat 3864  
|||||

Db 24 GTGTGTGTGTGTGTAT 9

## RESULT 20

US-08-750-810-10/C

Sequence 10, Application US/08750810

Patent No. 586553

GENERAL INFORMATION:

APPLICANT: DONNELLY, JOHN J.

APPLICANT: LIU, MARGARET A.

APPLICANT: MARTINEZ, DOUGLAS

APPLICANT: MONTGOMERY, DONNA L.

TITLE OF INVENTION: POLYNUCLEOTIDE VACCINE FOR

TITLE OF INVENTION: PAPILLOMAVIRUS

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/750,810

FILING DATE: 17-DEC-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M.

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19254PI

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-750-810-10

Query Match 0.4%; Score 16; DB 2; Length 42;

Best Local Similarity 100.0%; Pred. No. 4.8e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 215 tttagatctatgtg 230  
|||||

Db 16 TTAGATCTATGTG 1

## RESULT 21

US-08-222-177A-458/C

Sequence 458, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (GC-GA)n.(GG-GT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53717-1914

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 458:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 47 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-222-177A-458

Query Match 0.4%; Score 16; DB 1; Length 47;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3861 gtaagtgctgtgtgt 3876  
DB 34 gtagtgctgtgtgtgt 19

RESULT 22  
5182195-63/c  
PATENT NO. 5182195  
APPLICANT: NAKAHAMA, KAZUO;KAISHO, YOSHIHIKO;YOSHIMURA, KOJI  
TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE  
DEFICIENT YEASTS  
NUMBER OF SEQUENCES: 71  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/269,140  
FILING DATE: 09-NOV-1988  
SEQ ID NO:63:  
LENGTH: 15  
5182195-63

Query Match 0.4%; Score 15; DB 6; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2922 acctgaagagattg 2936  
DB 15 acctgaagagattg 1

RESULT 23  
US-08-885-126-9  
SEQUENCE 9, Application US/0885126A  
PATENT NO. 5955597  
GENERAL INFORMATION:  
APPLICANT: Arnold, Lyle J.  
APPLICANT: Riley, Timothy A.  
APPLICANT: Reynolds, Mark A.  
APPLICANT: Schwartz, David A.  
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE  
FILE REFERENCE: GENTA.020F72  
CURRENT APPLICATION NUMBER: US/08/885,126A  
CURRENT FILING DATE: 1997-06-30  
EARLIER APPLICATION NUMBER: 08/343, 018  
EARLIER FILING DATE: 1994-11-21

EARLIER APPLICATION NUMBER: 08/154,013  
EARLIER FILING DATE: 1993-11-16  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO:9  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Chemically synthesized oligomer  
US-08-885-126-9.

Query Match 0.4%; Score 15; DB 2; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3849 gtgtgtgtgtgtgta 3863  
DB 3 gtgtgtgtgtgtgta 17

RESULT 24  
US-08-960-111-11  
SEQUENCE 11, Application US/08960111  
PATENT NO. 6060456  
GENERAL INFORMATION:  
APPLICANT: Arnold Jr., Lyle J  
APPLICANT: Reynolds, Mark A  
APPLICANT: Glachetti, Christina  
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth St.  
CITY: Los Angeles  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/960,111  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/238,177  
FILING DATE: 04-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Meier, Paul H.  
REGISTRATION NUMBER: 32,274  
REFERENCE/DOCKET NUMBER: 207/174  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 213/489-1600  
TELEFAX: 213/955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: yes  
FEATURE:  
NAME/KEY: GP oligomers 2517-1, 2516-1  
IDENTIFICATION METHOD: synthesis experiments  
OTHER INFORMATION: complementary to synthetic RNA  
OTHER INFORMATION: target



FILING DATE: 30-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/10756  
FILING DATE: 09-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/973,332  
FILING DATE: 09-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: JUJ-1104  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: YES  
US-08-432-158-13

Query Match 0.4%; Score 15; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3599 gtctcttgagcatt 3613  
|||||  
DB 4 gtctcttgagcatt 18

RESULT 28  
US-08-709-368-1/C  
Sequence 1, Application US/08709368  
Patent No. 5910410  
GENERAL INFORMATION:  
APPLICANT: Ictenwaller, K., Ward, C.  
TITLE OF INVENTION: Dual Tag Binding Assay  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hewlett Packard Co.  
STREET: 1501 Page Mill Road  
CITY: Palo Alto  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94304-1126  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette -- 3.50 inch, 1.4 MB storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: No. 5910410epad  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,368  
FILING DATE: 06-Sep-1996  
CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
US-08-709-368-1

Query Match 0.4%; Score 15; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1193 gtgagcttgagagg 1207  
|||||

DB 19 GTGAGCTTGAGAGC 5

RESULT 29  
US-08-849-021-68  
Sequence 68, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
TITLE OF INVENTION: COMPOUND MICROSAFELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 68:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-68

Query Match 0.4%; Score 15; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 3862 tatgtgtgtgtgtgt 3876  
|||||  
DB 5 TATGTGTGTGTGT 19

RESULT 30  
US-08-849-021-73/C  
Sequence 73, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
TITLE OF INVENTION: COMPOUND MICROSAFELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
POLYMORPHISMS  
NUMBER OF SEQUENCES: 89

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
;; ADDRESSEE: COMPANY  
;; STREET: 1007 MARKET STREET  
;; CITY: WILMINGTON  
;; STATE: DELAWARE  
;; COUNTRY: U.S.A.  
;; ZIP: 19898  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: FLOPPY DISK  
;; COMPUTER: IBM PC COMPATIBLE  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/849,021  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/346,456  
;; FILING DATE: 28 NOVEMBER 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: FLOYD, LINDA AXAMETHY  
;; REGISTRATION NUMBER: 33,692  
;; REFERENCE/DOCKET NUMBER: BB-1064-A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 302-892-8112  
;; TELEFAX: 302-992-7949  
;; INFORMATION FOR SEQ ID NO: 73:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; US-08-849-021-73

Query Match 0.4%; Score 15; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3862 tatgtgtgtgtgt 3876  
|||||

Db 17 TATGTGTGTGTGT 3

RESULT 31  
US-08-849-021-82  
;; Sequence 82, Application US/08849021  
;; Patent No. 5955276  
;; GENERAL INFORMATION:  
;; APPLICANT: MORGANTE, MICHELE  
;; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
;; TITLE OF INVENTION: PRIMERS FOR THE  
;; TITLE OF INVENTION: DETECTION OF GENETIC  
;; NUMBER OF SEQUENCES: 89  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
;; ADDRESSEE: COMPANY  
;; STREET: 1007 MARKET STREET  
;; CITY: WILMINGTON  
;; STATE: DELAWARE  
;; COUNTRY: U.S.A.  
;; ZIP: 19898  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: FLOPPY DISK  
;; COMPUTER: IBM PC COMPATIBLE  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/849,021

;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/346,456  
;; FILING DATE: 28 NOVEMBER 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: FLOYD, LINDA AXAMETHY  
;; REGISTRATION NUMBER: 33,692  
;; REFERENCE/DOCKET NUMBER: BB-1064-A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 302-892-8112  
;; TELEFAX: 302-992-7949  
;; INFORMATION FOR SEQ ID NO: 82:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; US-08-849-021-82

Query Match 0.4%; Score 15; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3862 tatgtgtgtgtgt 3876  
|||||

Db 5 TATGTGTGTGTGT 19

RESULT 32  
US-09-288-461-92/c  
;; Sequence 92, Application US/09288461  
;; Patent No. 6159694  
;; GENERAL INFORMATION:  
;; APPLICANT: KARRAS, James G.  
;; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
;; FILE REFERENCE: ISPH-0338  
;; CURRENT APPLICATION NUMBER: US/09/288,461  
;; CURRENT FILING DATE: 1999-04-08  
;; NUMBER OF SEQ ID NOS: 107  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 92  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
;; US-09-288-461-92

Query Match 0.4%; Score 15; DB 3; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2837 taccitgaagaccag 2851  
|||||

Db 17 TACCTGAAGACCAAG 3

RESULT 33  
US-08-850-961-7  
;; Sequence 7, Application US/08850961  
;; Patent No. 6013517  
;; GENERAL INFORMATION:  
;; APPLICANT: Respass, James G.  
;; APPLICANT: De Polo, Nicholas J.  
;; APPLICANT: Chada, Sunil  
;; APPLICANT: Sauter, Sybille  
;; APPLICANT: Bodner, Mordechai  
;; APPLICANT: Driver, David A.

TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Chilton Corporation, Intellectual Property - R440  
STREET: P.O. Box 8097  
CITY: Emeryville  
STATE: California  
COUNTRY: USA  
ZIP: 94662-8097  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/850,961  
FILING DATE: 05-MAY-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kruse, No. 6013517man J.  
REGISTRATION NUMBER: 35,235  
REFERENCE/DOCKET NUMBER: 930049, 424C4 / 1147, 005  
TELEPHONE: (510) 601-3520  
TELEFAX: (510) 655-3542  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-850-961-7

Query Match 0.4%; Score 15; DB 3; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1777 cctctgacgagacat 1791  
|||||  
DB 6 CCTCTGACGAGACAT 20

RESULT 34  
US-08-849-021-72/c  
Sequence 72, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSEE: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 72:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-72

Query Match 0.4%; Score 15; DB 2; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 3862 tatgtgtgtgtgt 3876  
|||||  
DB 15 TATGTGTGTGTGT 1

RESULT 35  
US-08-849-021-88/c  
Sequence 88, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSEE: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 88:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-08-849-021-88

Query Match 0.48; Score 15; DB 2; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3850 tctgtgtgtgtat 3864  
|||||  
Db 22 TGTGTGTGTGTAT 8

RESULT 36

US-08-182-961B-14  
Sequence 14, Application US/08182961B  
Patent No. 5677125

GENERAL INFORMATION:

APPLICANT: HOLT, JEFFREY T.

APPLICANT: JENSEN, ROY A.

APPLICANT: PAGE, DAVID L.

APPLICANT: OBERMILLER, PATRICE S.

APPLICANT: ROBINSON-BENIGN, CHERYL L.

TITLE OF INVENTION: METHOD OF DETECTION AND DIAGNOSIS OF PRE-INVASIVE CANC

NUMBER OF SEQUENCES: 48

CORRESPONDENCE ADDRESS:

ADDRESSEE: I.C. MADDEY, JR.

STREET: 27TH FLOOR, L & C TOWER, 401 CHURCH

CITY: NASHVILLE

STATE: TENNESSE

COUNTRY: USA

ZIP: 37219

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 800 kb storage

COMPUTER: IBM PC/XT/AT compatible

OPERATING SYSTEM: MS-DOS (version 5.0)

SOFTWARE: WordPerfect 5.1/WordPerfect Editor

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/182,961B

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: I.C. MADDEY, JR.

REGISTRATION NUMBER: 25,180

REFERENCE/DOCKET NUMBER: 0216-9409

TELECOMMUNICATION INFORMATION:

TELEPHONE: (615) 242-2400

TELEFAX: (615) 242-2221

TELEX:

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 25

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

DESCRIPTION: PCR primer

HYPOTHETICAL: yes

ANTI-SENSE: no

FRAGMENT TYPE: oligonucleotide

US-08-182-961B-14

RESULT 37

US-08-859-998-545/c  
Sequence 545, Application US/08859998  
Patent No. 5994076

GENERAL INFORMATION:

APPLICANT: Chenchik, Alex

APPLICANT: Jikhadze, George

APPLICANT: Bibilashvili, Robert

TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL

NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park

STATE: CA

COUNTRY: US

ZIP: 94025

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FastSO for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/859,998

FILING DATE: 21-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-922-5070

TELEFAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 545:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

OTHER INFORMATION: oligonucleotide primer

US-08-859-998-545

Query Match 0.48; Score 15; DB 2; Length 26;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 618 gccaaagcactacta 632  
|||||  
Db 24 GCCAAGCAGCTACTA 10

RESULT 38

PCT-US92-10792-44  
Sequence 44, Application PC/TUS9210792

GENERAL INFORMATION:

APPLICANT: Jayasena, Sumedha D.

APPLICANT: Johnston, Brian H.

TITLE OF INVENTION: Triple Helix Formation at

TITLE OF INVENTION: (PUNPYN)-(PUNPYN) Triacts

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: SRI International

STREET: 333 Ravenswood Avenue

CITY: Menlo Park

US-08-859-998-545



STATE: CA  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10792  
FILING DATE: 19921211  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,934  
FILING DATE: 21-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/808,452  
FILING DATE: 13-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: P-3141  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 859-4550  
TELEFAX: (415) 859-3880  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: FIGURE 14A, TARGET SEQUENCE #8  
PCT-US92-10792-44

Query Match 0.4%; Score 15; DB 5; Length 26;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3848 cgtgtgtgtgtgtgt 3862  
|||||  
Db 5 CGGTGTGTGTGTGTGT 19

RESULT 39  
US-08-432-158-4/C  
Sequence 4, Application US/08432158  
Patent No. 5861502  
GENERAL INFORMATION:  
APPLICANT: PROCKOP, Darwin J.  
APPLICANT: Collge, Alain  
APPLICANT: Baserga, Renato  
APPLICANT: Nugent, Paul  
TITLE OF INVENTION: Antisense Oligonucleotides to  
TITLE OF INVENTION: Inhibit Expression of Mutated and  
TITLE OF INVENTION: Wild Type Genes for Collagen  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz MacKiewicz &  
ADDRESSEE: No. 5861502rls  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/432,158  
FILING DATE: 30-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/10756  
FILING DATE: 09-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/973,332  
FILING DATE: 09-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: T1U-1104  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: YES  
US-08-432-158-4

Query Match 0.4%; Score 15; DB 2; Length 27;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3599 gctctctgtgcatg 3613  
|||||  
Db 24 gctctctgtgcatg 10

RESULT 40  
US-08-915-609-2  
Sequence 2, Application US/08915609  
Patent No. 6054300  
GENERAL INFORMATION:  
APPLICANT: McKendree Jr., William L.  
TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated  
TITLE OF INVENTION: Development of Nucleic Acid Marker  
FILE REFERENCE: 0115.97  
CURRENT APPLICATION NUMBER: US/08/915,609  
CURRENT FILING DATE: 1997-08-21  
EARLIER APPLICATION NUMBER: 60/028,775  
EARLIER FILING DATE: 1996-08-23  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Patent In Ver. 2.0 - beta  
SEQ ID NO 2  
LENGTH: 28  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
NAME/KEY: primer\_bind  
LOCATION: (1)..(28)  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: (1)..(28)  
US-08-915-609-2

Query Match 0.4%; Score 15; DB 3; Length 28;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3848 cgtgtgtgtgtgtgt 3862  
|||||  
Db 7 cgtgtgtgtgtgtgt 21

RESULT 41  
US-08-480-784-58  
; Sequence 58, Application US/08480784  
; Patent No. 5693473  
GENERAL INFORMATION:  
APPLICANT: SKOLNICK, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,784  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-480-784-58

Query Match 0.4%; Score 15; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3847 gcgtgtgtgtgtgtg 3861  
DB 10 GCGTGTGTGTGTGTG 24  
RESULT 42  
US-08-483-553-58  
; Sequence 58, Application US/08483553  
; Patent No. 5709999  
GENERAL INFORMATION:  
APPLICANT: SKOLNICK, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,553  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens

US-08-483-553-58

Query Match 0.48; Score 15; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3847 gcgtgtgtgtgtgtg 3861  
|||||  
DB 10 GCCTGTGTGTGTGTG 24

RESULT 43

US-08-487-002-58  
; Sequence 58, Application US/08487002  
; Patent No. 5710001

GENERAL INFORMATION:

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Simard, Jacques

APPLICANT: Emi, Mitsuru

APPLICANT: Nakamura, Yusuke

APPLICANT: Durocher, Francine

TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,002

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

US-08-487-002-58

Query Match 0.48; Score 15; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3847 gcgtgtgtgtgtgtg 3861  
|||||  
DB 10 GCCTGTGTGTGTGTG 24

RESULT 44

US-08-483-554B-58  
; Sequence 58, Application US/08483554B  
; Patent No. 5747282

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavligian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,554B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs

TYPE: nucleic acid

US-08-487-002-58

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-483-554B-58

Query Match 0.4%; Score 15; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 3847 gcgtgtgtgtgtgtg 3861  
|||||  
DB 10 GCCTGTGTGTGTGTG 24

## RESULT 45

US-08-488-011B-58  
Sequence 58, Application US/08488011B  
Patent No. 5753441

## GENERAL INFORMATION:

APPLICANT: SKOLNICK, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Hartsman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,011B  
FILING DATE: 07-JUN-1995

## CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347-09  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300

## INFORMATION FOR SEQ ID NO: 58:

## SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Homo sapiens  
US-08-488-011B-58

Query Match 0.4%; Score 15; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 3847 gcgtgtgtgtgtgtg 3861  
|||||  
DB 10 GCCTGTGTGTGTGTG 24

Search completed: April 19, 2002, 21:57:19  
Job time: 9957 sec



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